

USU Graduate Student Fall Newsletter

Volume 2, Issue 1

November 15th, 2007

Special points of interest:

- Website is up
and running! Visit
at [http://
www.usuhs.mil/
geo/gsa](http://www.usuhs.mil/geo/gsa)
- Any questions/
suggestions
about the web-
site, email Rob
Clark
(rclark@usuhs.mil)

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GSC President's Report

By Patrick High and Kathy Jones

My Fellow Graduate Students,

Congratulations! For many of us, we have survived another year. For others, you are just beginning what will certainly be an incredible journey!

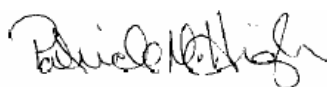
After many years, with much starting and stopping, the university has finally provided health insurance for its civilian students. I would personally like to thank Dr. Metcalf for all of her hard work in getting us this much needed insurance. The policy we have been offered is much broader than many of us had before this insurance plan was implemented and we greatly appreciate this coverage.

Some of you may not be aware, my term as President of the Graduate Student Council came to end in August and I happily passed my binder and thumb drive of information on to Kathy Jones from EID who is the new President. Thank you Kathy for your interest in the President position and I hope you have much determination and motivation as it will be necessary to get you through the year.

As this is my final column, I would like to express my sincere thanks to several people. First, I would like to thank the members of the GSC who served this past year and I would especially like to thank one person in particular for her help, humor and interest in the university – Bethanie Morrison. I would also like to thank the members of the Graduate Education Office, Janet Anastasi and Tanice Acevedo. There was rarely a week that went by that I was not stopping in their office to obtain information and/or help. I would also like to thank Dr. Metcalf for her support of the students and her work in obtaining health insurance. Last, but not least, I'd also like to thank my partner Rob who helped me maintain my sanity throughout the year.

Much speed in all your endeavors and good luck with the completion of your degrees.

Cheers,



Patrick M. High

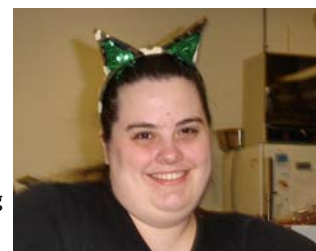
President 2006-2007



**Patrick M. High,
GSC President
2006-2007**

Hello. My name is Kathy Jones, and I am 4th year student in the Emerging Infectious Diseases (EID) program. I am a part of Dr. Scotty Merrell's lab, working on *Helicobacter pylori*. I have the privilege of being the President of the Graduate Student Council (GSC) and represent all of you on the Graduate Education Committee (GEC).

The job of the Graduate Student Council is to serve as an advocate for USU graduate students and to try to create/maintain a sense of community among the various programs and departments. To this end, the GSC has already held its annual Graduate Student picnic, and are planning on a Bake Sale in early December to raise money for the GSC. This money will allow us to sponsor future activities for you. The GSC is also planning its annual Holiday party again at the NNMC Bowling Alley. You have a wonderful group of departmental/program representatives this year (see the back page to find your departmental/program rep). If you have any concerns, comments, or questions you feel that I or the GSC should address, please feel free to contact your representative or myself. I can be found on the fourth floor of B building (B4137) or through email at kajones@usuhs.mil. Your correspondences will be kept confidential.



**Kathy Jones,
GSC President
2007-2008**

Meet the New Students!



Jessica Bonnell



Jessica Heisel



Andrew Moore

Emerging Infectious Diseases

Jessica Bonnell Hometown: Hillsborough, NJ

Undergrad Institution: American University

Jessica Heisel Hometown: Wadena, Minnesota

Andrew Moore Hometown: Plano, TX

Undergrad Institution: Drury University in Springfield, MO

Justin Mygatt Hometown: Marietta, GA

Undergrad Institution: Washington and Lee University

Suman Paul Hometown: Calcutta, India

Undergraduate Institution: Calcutta Medical College (MBBS)

Diana Riner Hometown: Dayton, OH

Undergraduate/Masters Institution: Ohio University (BS/MS)

Paige Sachs Hometown: Springfield, Illinois

Melanie Samsonow Hometown: Sunbury, OH

Undergrad Institution: Eastern Kentucky University

Deborah Steffen Hometown: Springfield, IL

Undergrad Institution: Valparaiso University (Major: Biochemistry)

Dawn Weir Hometown: Lazbuddie, TX

Undergrad Institution: Angelo State University, San Angelo, TX (BS in Biochemistry) Masters Institution: Angelo State University, San Angelo, TX (MS in Biology)

Tamasin Yarina Hometown: Taviola, MI

Undergrad Institution: Michigan Technological University

Tonia Zangari Hometown: Sunbury, PA

Undergrad Institution: Bloomsburg University of Pennsylvania



Justin Mygatt



Suman Paul



Diana Riner



Paige Sachs



Melanie Samsonow



Deborah Steffen



Dawn Weir



Tamasin Yarina



Tonia Zangari

Neuroscience

Omar Logue Hometown: Vicksburg, MS

Undergrad Institution: Millsaps College

Michael Davis Hometown: San Diego, California

Undergrad Institution: University of California at Riverside



Omar Logue



Michael Davis

Meet the New Students!



Jessica Chertow



Nivedita Sengupta



Roderick Bautista

Molecular and Cellular Biology

Jessica Chertow Hometown: East Moriches, NY

Undergrad Institution: University of Colorado Boulder, UTMB

Nivedita Sengupta Hometown: West Bengal, India

Undergrad Institution: Regional Institute of Education which is in Bhubaneswar, India, M.S. in Zoology from University of Burdwan, in West Bengal, India.

Roderick Bautista Hometown: Ft. Washington, MD

Undergrad institution: University of Maryland, Baltimore County (UMBC)

Andrew Michaelson Hometown: Brookline, MA

Undergrad Majors Biology, Mathematics, Physics with a Minor in Chemistry

Ashley Shaloo Hometown: Jackson, NJ

Undergrad institution: Georgian Court University

Saurav Majumder

David Chang

Ronald Allan M. Panganiban Hometown: Ibaan, Batangas, Philippines

Undergrad Institution- University of the Philippines - DILIMAN (BS Molecular Biology and Biotechnology)

Medical and Clinical Psychology

CPT Lynn Breckenridge, US Army

Undergrad Institution: Shippensburg University

Camden Elliott Hometown: High Point, NC

Undergrad institution: University of North Carolina at Chapel Hill

ENS Jessica Floerchinger, MSC, USN Hometown: Columbia Falls, MT

Undergrad Institution.: Montana State University

2Lt William F. Kerst, USAF Hometown: Fowler, IN

Undergrad Institution.: Chapman University

Ensign Mark Peugeot, USN Hometown: Rockville Centre, New York

Undergrad Institution.: University of Texas, San Antonio

Lisa Ranzenhofer Hometown: Williamsville, New York

Undergrad Institution.: Cornell University College of Human Ecology

CPT Kim Semelroh, US Army Hometown: Keystone, IA

Undergrad Institution: Truman State University

Graduate Institutions: Florida State University and National Louis University

Elena A. Spieker Hometown: Pasadena, Maryland

Undergrad Inst.: University of Maryland, Baltimore County



Andrew Michaelson



Ashley Shaloo



Saurav Majumder



David Chang



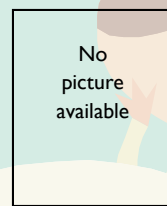
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Ronald Allan M. Panganiban



Lynn Breckenridge



Camden Elliott



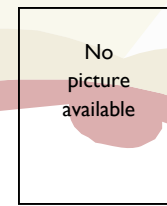
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ENS Jessica Floerchinger



William F. Kerst



Mark Peugeot



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Lisa Ranzenhofer



Kim Semelroh



Elena A. Spieker

Meet the New Students!



Matilda Beadling



Chris Belland



Michael Bowens



David Brett-Major



Rodney Brittain



Kevin Brown



Mark Chappell



Naili Chen



Scott Cherry



Jared Cooper



Glenn Dowling



Sheena Eagan



Val Finnell



Susan George



Joe Haines



Cherise Harrington



Nidal Hassan



Michael Jacobs



Rupal Mody



David Money



Thomas Moore



Stephanie Morrison



Carmen Mundaca



Blaine Powell



Anca Preda



Patcho Santiago



Cecili Sessions



Eric Sherman



Lloyd Sloan



Quiona Stephens



David Tarantino



Randall Freeman



Diego Gonzales



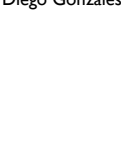
Kevin Payne



Mark Reynolds



Paul Lang



Donald McInnes



Meredith Morrow



Cecilia Lee

Masters of Public Health

Matilda Beadling Chris Belland Michael Bowens David Brett-Major

Rodney Brittain Kevin Brown Mark Chappell Naili Chen

Scott Cherry Jared Cooper Glenn Dowling Sheena Eagan

Val Finnell Susan George Joe Haines Cherise Harrington

Nidal Hassan Michael Jacobs Rupal Mody David Money

Thomas Moore Stephanie Morrison Carmen Mundaca Blaine Powell

Anca Preda Patcho Santiago Cecili Sessions Eric Sherman

Lloyd Sloan Quiona Stephens David Tarantino

Master's of Tropical Medicine and Hygiene:

Randall Freeman

Diego Gonzalez Kevin Payne Mark Reynolds

Master of Science in Public Health:

Paul Lang

Donald McInnes Meredith Morrow

Doctorate in Public Health:

Cecilia Lee



They Made It.....Will We??

Students Who Have Successfully Defended a Thesis Thus Far in the 2008 Academic Year

DOCTOR OF PUBLIC HEALTH

Nicole McPherson

Thesis Title: "Public Health Implications of the 1540 nm Laser on the Cornea"
Major Advisor: Thomas Johnson, Ph.D.

Cara Olsen

Thesis Title: "Syndromic Surveillance and Outbreak Detection Using Automated Microbiologic Laboratory Test Order Data"
Major Advisor: David Cruess, Ph.D.

LCDR Mark Riddle, MC, USN

Thesis Title: "An Economic Evaluation for a Vaccine Acquisition Strategy to Mitigate Acute Diarrheal Illness Among Deployed US Military Forces"
Major Advisor: Tomoko Hooper, M.D., MPH

DOCTOR OF PHILOSOPHY

Tyler Best, Neuroscience Program

Thesis Title: "Disruption of Inhibitory Function in the Ts65Dn Mouse Hippocampus Through Over-expression of GIRK2"
Major Advisor: Zygmunt Galdzicki, Ph.D.

Kimberly Bishop-Lilly, Emerging Infectious Diseases Program

Thesis Title: "Refining the Mechanisms of Heniparavirus-Mediated Membrane Fusion Through Mutagenesis of Hendra virus Envelope Glycoproteins"
Major Advisor: Christopher Broder, Ph.D.

CDR Trupti Brahmabhatt, MCS, USN, Emerging Infectious Diseases Program

Thesis Title: "Bacillus Collagen Like Protein of Anthracis: Immunological and Functional Analyses"
Major Advisor: Alison O'Brien, Ph.D.

LT William Johnson, USN, Department of Medical and Clinical Psychology

Thesis Title: "Ambulatory Assessment of Depression in Primary Care"
Major Advisor: Willem Kop, Ph.D.

Sue-Jong Kim, Department of Medical and Clinical Psychology

Thesis Title: "Understanding Obesity and the Influence of Acculturation on Metabolic Responses in East Asian Populations in the United States"
Major Advisor: Tracy Sbrocco, Ph.D.

Kristy Morris, Department of Medical and Clinical Psychology

Thesis Title: "The Effect of Eating Style and Portion Size on the Accuracy of Dietary Self-Monitoring Among Normal Weight and Over-weight Women"
Major Advisor: Tracy Sbrocco, Ph.D.

LTC Julie Pavlin, MC, USA, Emerging Infectious Diseases Program

Thesis Title: "Characterization of the Fusion and Attachment Glycoproteins of Human Metapneumovirus and Human Serosurvey to Determine Reinfection Rates"
Major Advisor: Christopher Broder, Ph.D.

Kathryn Roecklein, Department of Medical and Clinical Psychology

Thesis Title: "Haplotype Analysis of the Melanopsin Gene in Seasonal Affective Disorder and Controls"
Major Advisor: Kelly Rohan, Ph.D.

Tara Romanczyk, Neuroscience Program

Thesis Title: "Evaluation of the Adult Goldfish Brain as a Model for the Study of Progenitor Cells"
Major Advisor: Juanita Anders, Ph.D.

Douglas Warner, Emerging Infectious Diseases Program

Thesis Title: "The Role of the Transcriptional Regulators of the Gonococcal MtrC-MtrD-MtrE Efflux Pump in Pathogen Fitness"

Major Advisor: Ann Jerse, Ph.D.



"My advisor expects me to spend over 80 hours a week in lab and never do anything outside of the lab. I feel like I'm never allowed to have any fun."

— anonymous Harvard student

Announcements

MPS and PMB welcome new faculty

The graduate students of the Medical and Clinical Psychology Program and students of the Preventive Medicine and Biometrics Program, along with the rest of the USU graduate student body, would like to extend a warm welcome to their new faculty! We welcome you with open and eager minds and would like to wish you the best of luck for a successful career here at USU!!

[Department of Medical and Clinical Psychology](#)

Andrew J. Waters, Ph.D

Cognitive psychology specializing in addiction

[Department of Preventive Medicine and Biometrics](#)

Greg Martin, MD, CAPT, USN; IDCRP

David B Martin, Maj USAF; Division of Epidemiology and Biostatistics

Chris Jankosky, MD, LCDR, USN; Environmental and Occupational Medicine Residency

Congratulations!

Publications

Feuerstein, M., Luff, G and Harrington, C. Patterns of Workplace Disputes in Cancer Survivors: A Population Study of ADA Claims. *Journal of Cancer Survivorship: Research and Practice*, in press.

Feuerstein, M., Hansen, J.A., Calvio, L.C., Johnson, L., & Ronquillo, J.G. (2007). Work productivity in brain tumor survivors. *J Occup Environ Med*, 49(7), 803-811.

Clark, CS., Maurelli, AT. *Shigella flexneri* inhibits staurosporine-induced apoptosis in epithelial cells *Infect Immun*. 2007 May;75(5):2531-9

Wang, W; Morrison, B; Galbaugh, T; Jose, CC; Kenney, N; Cutler, ML. Glucocorticoid induced expression of connective tissue growth factor contributes to lactogenic differentiation of mouse mammary epithelial cells. *J Cell Physiol*. 2008 Jan;214(1):38-46

Beth Carpenter will publish a paper in December's issue of *Applied and Environmental Microbiology* entitled "Expanding the *Helicobacter pylori* Genetic Toolbox: Modification of an Endogenous Plasmid for Use as a Transcriptional Reporter and Complementation Vector."

Scholarship Recipients

Heather Rogers is a recipient of the American Psychological Foundation (APF) 2007 Council of Graduate Departments of Psychology (COGDOP) \$1,000 Graduate Research Scholarship.

Poster Presentations

Bethanie Morrison, Julie Wu, and Young Lee have all had abstracts accepted for poster presentations at the American Society for Cell Biology meeting in December in Washington, D.C.

Have you published, been asked to speak at a conference or presented posters and would like to be recognized? Please let us know! Contact your program representatives today!



Upcoming GSC Sponsored Events

November 15th: Fall Newsletter published

December 4-5th: GSC Bake Sale (time TBA)

December 13th: Graduate Student Holiday Party at NNMC Bowling Alley (time TBA)

February 24th: Graduate Student Open House dinner at Bertucci's at White Flint (time TBA)



Game Time!!

Name that tune

Each clue is one short line of a song. Give yourself one point for knowing the name of the song and another if you know the name of the artist. Here's one hint: All the songs titles are women's names.

- 1 - Where the bright moon shines _____
- 2 - So put away your make up _____
- 3 - Who's bending down to give me a rainbow _____
- 4 - I'm the same boy I used to be _____
- 5 - Put it in your pantry with your cupcakes _____
- 6 - A Cadillac rolling on Old Glen Road _____
- 7 - Went to a dance, looking for romance _____
- 8 - Writing the words of a sermon that no one will hear _____
- 9 - But this time your hurting won't heal _____
- 10 - When you change with every new day _____

Answers: 1 - Sherry (Frankie Vallie Four Seasons); 2 - Roxanne (The Police); 3 - Wendy (The Association); 4 - Valerie (Steve Winwood); 5 - Mrs. Robinson (Simon & Garfunkel); 6 - Maybelline (Chuck Berry); 7 - Barbara Ann (The Beach Boys); 8 - Eleanor Rigby (The Beatles); 9 - Lucille (Kenny Rogers); 10 - Ruby Tuesday (The Rolling Stones).



USUHS Graduate Student Council

Newsletter 2007-2008

Editor-in-Chief :
Bethanie L. Morrison

Fall 2007 Articles by:
Patrick M. High
Kathy Jones

Interested in contributing to your graduate student newsletter? We're very interested in hearing from you! Please email Rachel Vonck at rvonck@usuhs.mil with any ideas, comments, or questions. Thank you!

"The graduate programs in biomedical sciences and public health in the USU School of Medicine are committed to excellence in the didactic and research training of masters and doctoral degree students. We believe graduate students comprise important and integral components of the academic mission and scholarly environment of USU."

"Our graduates are prepared for productive and rewarding careers in many areas of the biomedical sciences and public health. USU graduates serve the nation in public service, create new knowledge, train the next generation of scientists, and/or contribute to the advancement of health and science in both public and private positions."

Uniformed Services University of Health Sciences

<http://www.usuhs.mil/geo>.

<http://www.usuhs.mil/geo/gsa>

2007-2008 Graduate Student Council

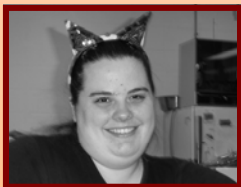
Meet your 2007-2008 Graduate Student Council!



Michelle Colacicco, M.S. (Preventive Medicine and Biometrics representative)



Felicia Qashu (Neuroscience representative)



Kathy Jones (GSC President)



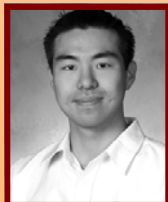
Bethanie Morrison (Path representative—January)



Crescent Seibert (Medical and Clinical Psychology representative)



Rachel Vonck (Emerging Infectious Diseases representative)



Young Lee (Molecular and Cellular Biology representative)